



**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**

Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

PR

SK

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
-----------------	-------------	----------------------	---------------------

09/444,834 11/22/99 YONEDA

H 32405WG026

EXAMINER

PM82/1219  
BEVERIDGE DEGRANDI WEILACHER & YOUNG  
1850 M STREET NW SUITE 800  
WASHINGTON DC 20036

PIPALA, F

ART UNIT

PAPER NUMBER

3661  
DATE MAILED:

12/19/00

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

# Office Action Summary

Application No.

09/244,834

Applicant(s)

Yoneda et al.

Examiner

Ed Pipala

Group Art Unit

3661

—The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address—

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

## Status

- ☐ Responsive to communication(s) filed on \_\_\_\_\_
- ☐ This action is **FINAL**.
- ☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

## Disposition of Claims

- ☒ Claim(s) 1-17 is/are pending in the application.
- Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- ☒ Claim(s) 1-17 is/are rejected.
- ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- ☐ Claim(s) \_\_\_\_\_ are subject to restriction or election requirement.

## Application Papers

- ☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.
- ☐ The ~~proposed~~ drawing correction, filed on 1/12/00 <sup>are</sup> ☒ approved, ☐ disapproved.
- ☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.
- ☐ The specification is objected to by the Examiner.
- ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119 (a)-(d)

- ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
  - ☐ All ☐ Some\* ☐ None of the CERTIFIED copies of the priority documents have been received.
  - ☐ received in Application No. (Series Code/Serial Number) \_\_\_\_\_
  - ☐ received in this national stage application from the International Bureau (PCT Rule 1.7.2(a)).

\*Certified copies not received: \_\_\_\_\_

## Attachment(s)

- ☒ Information Disclosure Statement(s), PTO-1449, Paper No(s) 2
- ☐ Interview Summary, PTO-413
- ☐ Notice of Reference(s) Cited, PTO-892
- ☐ Notice of Informal Patent Application, PTO-152
- ☐ Notice of Draftsperson's Patent Drawing Review, PTO-948
- ☐ Other \_\_\_\_\_

Office Action Summary

Art Unit: 3661

### **DETAILED ACTION**

This Office action is in response to the application filed by Yoneda et al. on November 22, 1999 for the invention titled "AUTOMATIC GUIDANCE SYSTEM FOR FLIGHT VEHICLE HAVING PARAFOIL AND NAVIGATION APPARATUS FOR THE SYSTEM".

#### ***Priority***

Acknowledgment is made of applicant's claim for foreign priority based on an application 10-332672 filed in Japan on 11/24/98. It is noted, however, that applicant has not filed a certified copy of the Japanese application as required by 35 U.S.C. 119.

#### ***Drawings***

The drawings filed 1/12/2000 have been approved.

#### ***Information Disclosure Statement***

The IDS filed 1/12/2000 has been fully considered by the Examiner, as indicated in the accompanying initialed copy of Applicant's form PTO-1449.

#### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

Art Unit: 3661

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-17 are rejected under 35 U.S.C. 102(b) as being anticipated by Japanese patent document 5-185993.

This document has been supplied by Applicant as part of an IDS statement, and is described in Applicant's "Description of the Related Art", wherein it is taught that JP-A 5-185993 discloses the dropping and automatic guidance of parafoil type vehicles, through a descent, to a predetermined landing destination site. Applicant acknowledges that the guidance apparatus of JP-A 5-185993 is used to judge the present traveling direction of such a guided flight vehicle with respect to three dimensional position coordinates, through the use of GPS, and that the descent of the vehicle is controlled with respect thereto. In lines 19-22 of applicant's own specification it is stated that JP-A 5-185993 also corrects its position and altitude even when the influence of wind is exerted upon the flight vehicle, and that its attitude can be quickly corrected.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Edward Pipala whose telephone number is (703) 305-9785. The examiner can normally be reached on Monday through Thursday from 7:30 to 6:00.

Art Unit: 3661

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's Supervisor, Bill Cuchlinski, can be reached on (703) 308-3873. The fax phone number for this Group is (703) 305-7687.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-1113.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, D.C. 20231

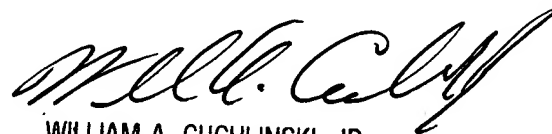
**or faxed to:** (703) 305-7687, (for formal communications intended for entry)

Hand-delivered responses should be brought to 5 Crystal Park, 2451 Crystal Drive, Arlington. VA.,  
Seventh Floor (Receptionist).



Edward Pipala

(703) 305-9785



WILLIAM A. CUCHLINSKI, JR.  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 3600